



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)

BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/pera/

DAB Door Company, Inc.
12195 NW 98th Avenue
Hialeah Gardens, FL 33018

SCOPE: This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Hurricane Master® Model 824/811 Steel Sectional Garage Door 16'-2" Wide x 16'-0" High (Reinforced) with Window Lite Option

APPROVAL DOCUMENT: Drawing No. 98-05, titled "24 GA. Roll Formed Steel Sectional Garage Door", dated 02/23/1998, with last revision H dated 10/13/2011, sheets 1 through 6 of 6, prepared by Al-Farooq Corporation, signed and sealed by Jayad Ahmad, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: A permanent label with the manufacturer's name or logo, manufacturing address, model/series number, the positive and negative design pressure rating, indicate impact rated if applicable, installation instruction drawing reference number, approval number (NOA), the applicable test standards, and the statement reading 'Miami-Dade County Product Control Approved' is to be located on the door's side track, bottom angle, or inner surface of a panel.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 11-0414.13 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Carlos M. Utrera, P.E.

Examiner	Date Time Stamp	Disp.	Trade	Stamp Name
Carlos Labiste	1	A	STRU	Approved



02/22/2012

NOA No. 12-0110.08
Expiration Date: July 21, 2015
Approval Date: March 1, 2012
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. 98-05, titled "24 GA. Roll Formed Steel Sectional Garage Door", dated 02/23/1998, with last revision H dated 10/13/2011, sheets 1 through 6 of 6, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS "Submitted under NOA # 11-0414.13"

1. Test Report on Uniform Static Air Pressure Test, Loading and Forced Entry Test per FBC, TAS 202-94, of "DAB 824 Sectional Residential Garage Door" prepared by Hurricane Engineering & Testing Inc., Report No. HETI-07-4267, dated 06/29/2007, signed and sealed by Candido F. Font, P.E.
2. Test Report on Large Missile Impact Test per FBC, TAS 201-94 and Cyclic Wind Pressure Test per FBC, TAS 203-94, of "DAB 824 Sectional Residential Garage Door", prepared by Hurricane Engineering & Testing Inc., Report No. HETI-11-3206, dated 02/10/2011, signed and sealed by Candido F. Font, P.E.
3. Test Report on Tensile Test per ASTM E8-08 of "Sectional Residential Door (skin)", prepared by Hurricane Engineering & Testing Inc, Report No. HETI-11-T101, dated 01/29/2011, signed and sealed by Candido F. Font, P.E.

"Submitted under NOA # 03-0217.02"

4. Test Report on Large Missile Impact Test and Cyclic Wind Pressure Test, of "Sectional Residential Door with Windows" prepared by Hurricane Engineering & Testing Inc., Test Report No. HETI 03-1328, dated 07/15/2003, signed and sealed by Rafael E. Droz-Seda, PE.
5. Test Report on Uniform Static Air Pressure Test, of "Sectional Residential Door" prepared by Hurricane Engineering & Testing Inc., Test Report No. HETI 03-1329, dated 07/15/2003 signed and sealed by Rafael E. Droz-Seda, P.E.
6. Test Report on Tensile Test per ASTM E-8 of "Sectional Residential Door (skin)" prepared by Hurricane Engineering & Testing Inc, Test Report No. HETI 03-T078, dated 10/31/2003, signed and sealed by Rafael E. Droz-Seda, P.E.

"Submitted under NOA # 03-0210.04"

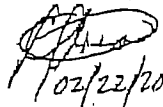
7. Test report on Salt Spray (Corrosion) Test per ASTM B 117 of a painted G-40 steel panels, prepared by Celotex Corporation, Test Report No. 258592, dated 08/17/1998, signed by W. A. Jackson, P.E.

Miami Dade County Department of Regulatory And Economic Resources

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NOA01-01022015.pdf

<u>Examiner</u>	<u>Date Time Stamp</u>	<u>Disp.</u>	<u>Trade</u>	<u>Stamp Name</u>
Carlos Labiste	1/5/2015 4:15:29 PM	A	STRU	Approved


02/22/2012
Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 12-0110.08
Expiration Date: July 21, 2015
Approval Date: March 1, 2012

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS

1. Anchor verification calculations prepared by Al-Farooq Corporation, complying with F.B.C 2007, dated 04/05/2011, signed and sealed by Javad Ahmad, P.E.

"Submitted under NOA # 09-0128.01"

2. Anchor verification calculations prepared by Al-Farooq Corporation, complying with F.B.C 2007, dated 12/18/2008, signed and sealed by Hutmayoun Farooq, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA)

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. 08-0305.02, issued to SABIC Innovative Plastics, for their Lexan Sheet Products, approved on 04/24/2008 and expiring on 07/17/2013.
2. Notice of Acceptance No. 07-1016.07, issued to Insulfoam, LLC, for their Insulfoam Expanded Polystyrene Insulation, approved on 11/29/2007 and expiring on 11/29/2012.
3. Notice of Acceptance No. 11-0926.07, issued to Dyplast Products, LLC, for their Expanded Polystyrene Block Type Insulation, approved on 11/10/2011 and expiring on 01/11/2017.
4. Notice of Acceptance No. 11-0926.06, issued to Dyplast Products, LLC, for their Dyplast ISO-C1 Polyisocyanurate Insulation, approved on 11/10/2011 and expiring on 01/11/2017.

F. STATEMENTS

1. Statement letter of code conformance to FBC 2010 and no financial interest issued by Al-Farooq Corporation, dated 10/25/2011, signed and sealed by Javad Ahmad, P.E.

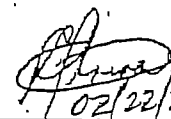
Miami Dade County Department of Regulatory And Economic Resources

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<u>Examiner</u>	<u>Date Time Stamp</u>	<u>Disp.</u>	<u>Trade</u>	<u>Stamp Name</u>
Carlos Labiste	1/5/2015 4:15:29 PM	A	STRU	Approved

E -2


02/22/2012

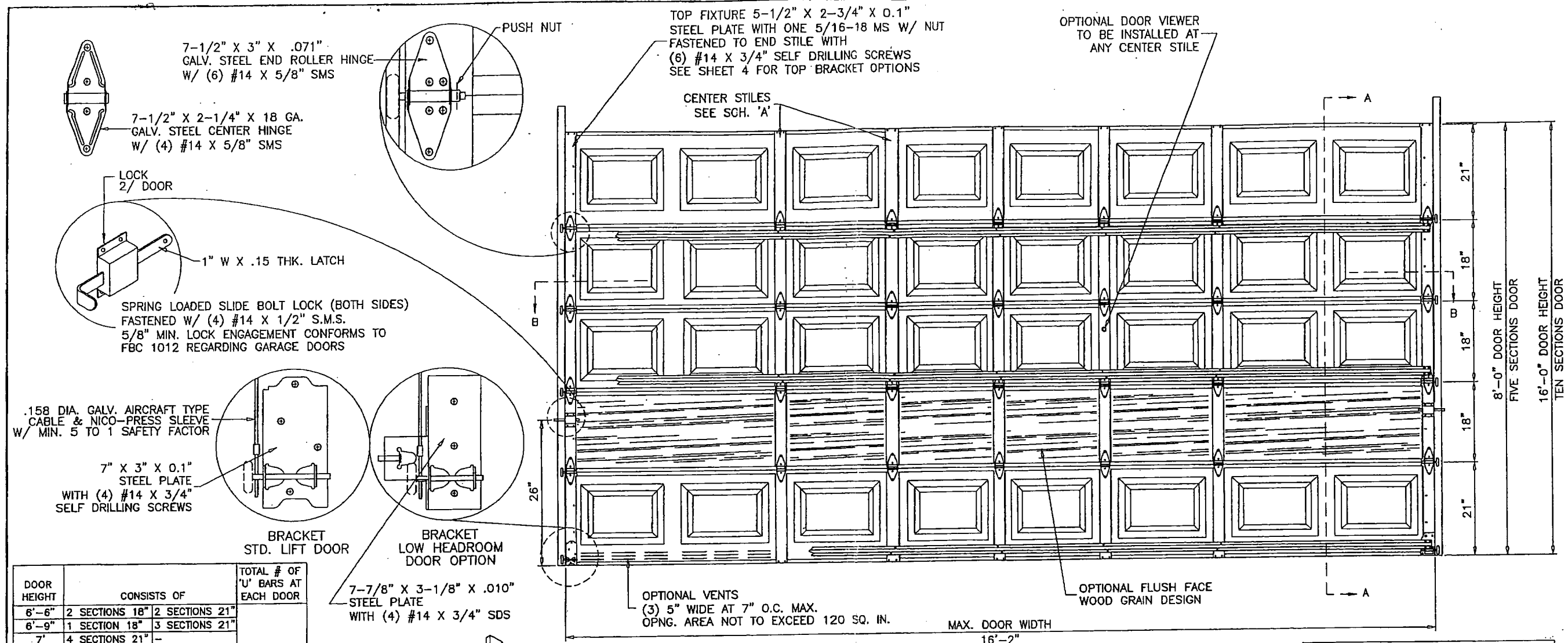
Carlos M. Utrera, P.E.

Product Control Examiner

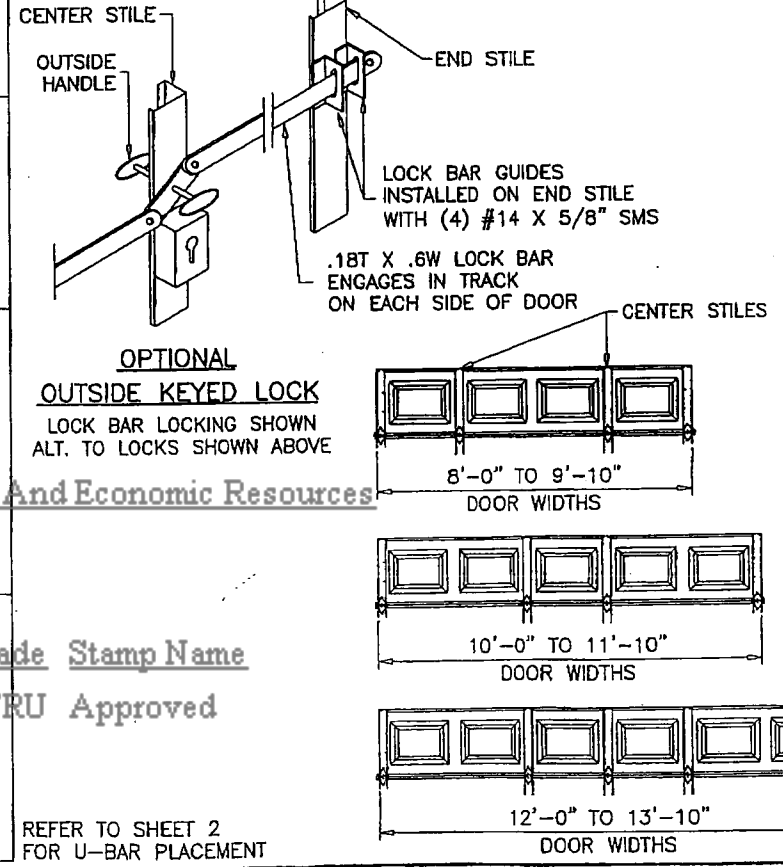
NOA No. 12-0110.08

Expiration Date: July 21, 2015

Approval Date: March 1, 2012



DOOR HEIGHT	CONSISTS OF	TOTAL # OF 'U' BARS AT EACH DOOR
6'-6"	2 SECTIONS 18" 2 SECTIONS 21"	3
6'-9"	1 SECTION 18" 3 SECTIONS 21"	
7'	4 SECTIONS 21"	
7'-3"	-	
7'-6"	5 SECTIONS 18"	
7'-9"	4 SECTIONS 18" 1 SECTION 21"	4
8'	3 SECTIONS 18" 2 SECTIONS 21"	
8'-3"	2 SECTIONS 18" 3 SECTIONS 21"	
8'-6"	1 SECTION 18" 4 SECTIONS 21"	
8'-9"	5 SECTIONS 21"	
9'	6 SECTIONS 18"	5
9'-3"	5 SECTIONS 18" 1 SECTION 21"	
9'-6"	4 SECTIONS 18" 2 SECTIONS 21"	
9'-9"	3 SECTIONS 18" 3 SECTIONS 21"	
10'	2 SECTIONS 18" 4 SECTIONS 21"	
10'-3"	1 SECTION 18" 5 SECTIONS 21"	6
10'-6"	6 SECTIONS 21"	
10'-9"	6 SECTIONS 18" 1 SECTION 21"	
11'	5 SECTIONS 18" 2 SECTIONS 21"	
11'-3"	4 SECTIONS 18" 3 SECTIONS 21"	
11'-6"	3 SECTIONS 18" 4 SECTIONS 21"	7
11'-9"	2 SECTIONS 18" 5 SECTIONS 21"	
12'	1 SECTIONS 18" 6 SECTIONS 21"	
12'-3"	7 SECTIONS 21"	
12'-6"	6 SECTIONS 18" 2 SECTIONS 21"	
12'-9"	5 SECTIONS 18" 3 SECTIONS 21"	8
13'	4 SECTIONS 18" 4 SECTIONS 21"	
13'-3"	3 SECTIONS 18" 5 SECTIONS 21"	
13'-6"	2 SECTIONS 18" 6 SECTIONS 21"	
13'-9"	1 SECTION 18" 7 SECTIONS 21"	
14'	8 SECTIONS 21"	9
14'-3"	6 SECTIONS 18" 3 SECTIONS 21"	
14'-6"	5 SECTIONS 18" 4 SECTIONS 21"	
14'-9"	4 SECTIONS 18" 5 SECTIONS 21"	
15'	3 SECTIONS 18" 6 SECTIONS 21"	
15'-3"	2 SECTIONS 18" 7 SECTIONS 21"	10
15'-6"	1 SECTION 18" 8 SECTIONS 21"	
15'-9"	9 SECTIONS 21"	
16'	6 SECTIONS 18" 4 SECTIONS 21"	



SCHEDULE 'A'	
DOOR WIDTHS	# OF CENTER STILES
8'-0" TO 9'-10"	2
10'-0" TO 11'-10"	2
12'-0" TO 13'-10"	3
14'-0" TO 15'-10"	4
15'-11" TO 16'-2"	5

8'-0" TO 9'-10"	DOOR WIDTHS
10'-0" TO 11'-10"	DOOR WIDTHS
12'-0" TO 13'-10"	DOOR WIDTHS
14'-0" TO 15'-10"	DOOR WIDTHS
15'-11" TO 16'-2"	DOOR WIDTHS

INSIDE ELEVATION
RAISED PANEL EMBOSSED DOOR

DAB DOORS INC.
Hurricane Master® Model 824/811
Max. Size 16'-2" X 16'-0" High
With Window Lite Option

THIS PRODUCT IS RATED FOR LARGE MISSILE IMPACT

DESIGN PRESSURE RATING = + 48.0 PSF
- 52.0 PSF

GENERAL NOTES

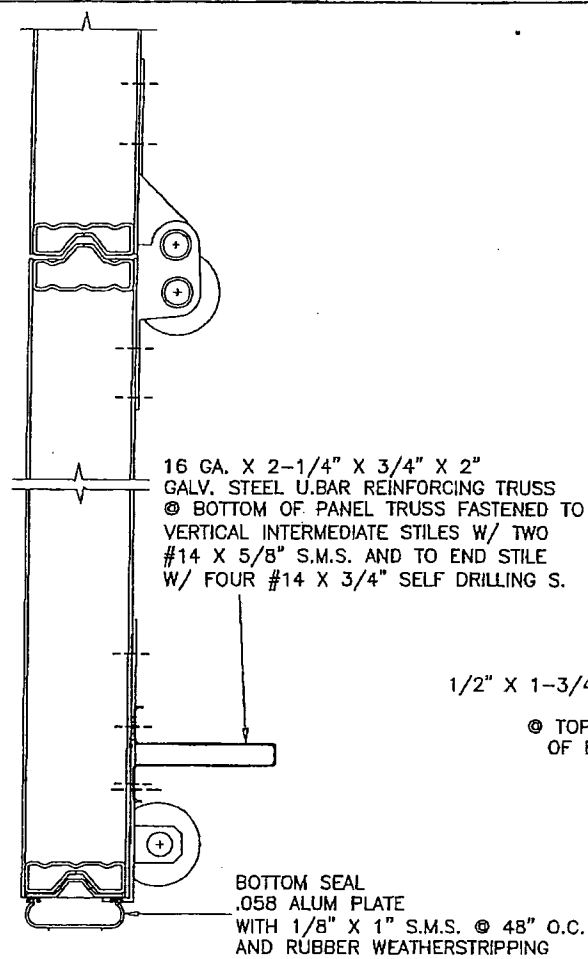
1. THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2010 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE.
2. ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
3. ALL BOLTS, NUTS AND WASHERS SHALL BE ZINC PLATED CARBON STEEL.
4. ANCHORING OR LOADING CONDITIONS OTHER THAN THOSE SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.
5. A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

Engr. JAVAD AHMAD
CIVIL
FLA. PE # 70502
C.A.N. 3538
NOV 07 2011

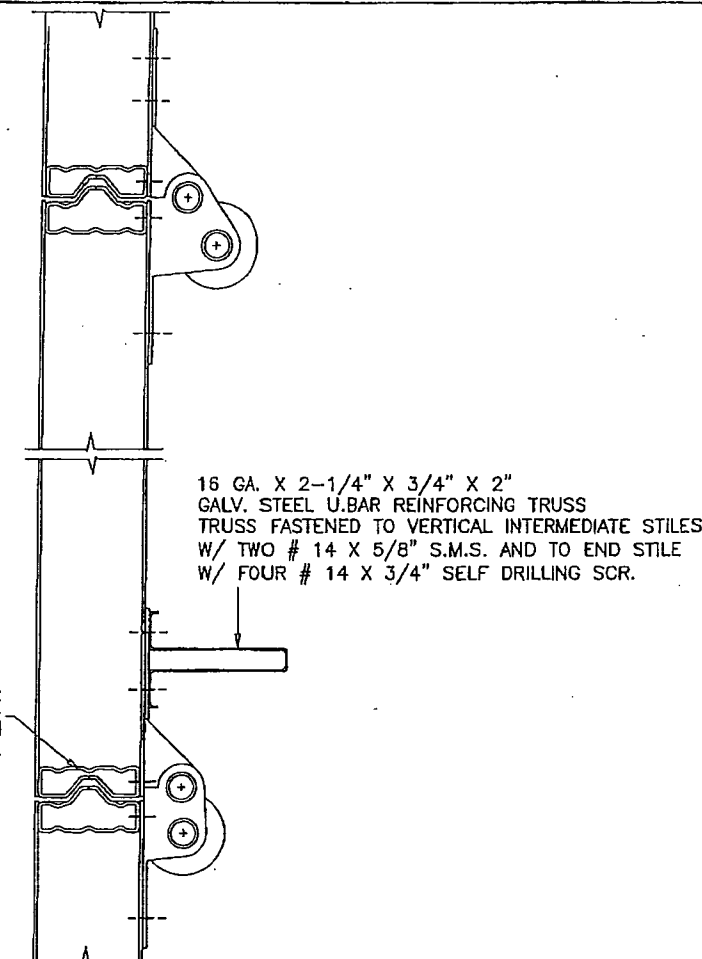
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0110-08
Expiration Date 07/21/2015
By *[Signature]*
Miami Dade Product Control

Miami Dade Department of Regulatory And Economic Resources
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NOA01-010223-14
Examiner
Carlos Labiste
Disp. Trade Stamp Name
STRU Approved

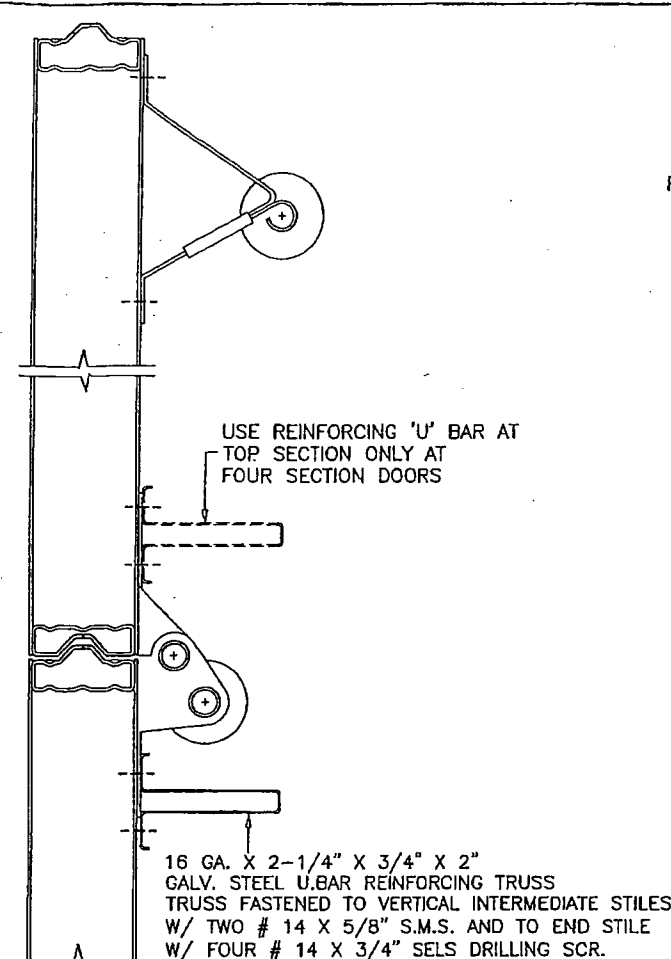
REFER TO SHEET 2
FOR U-BAR PLACEMENT



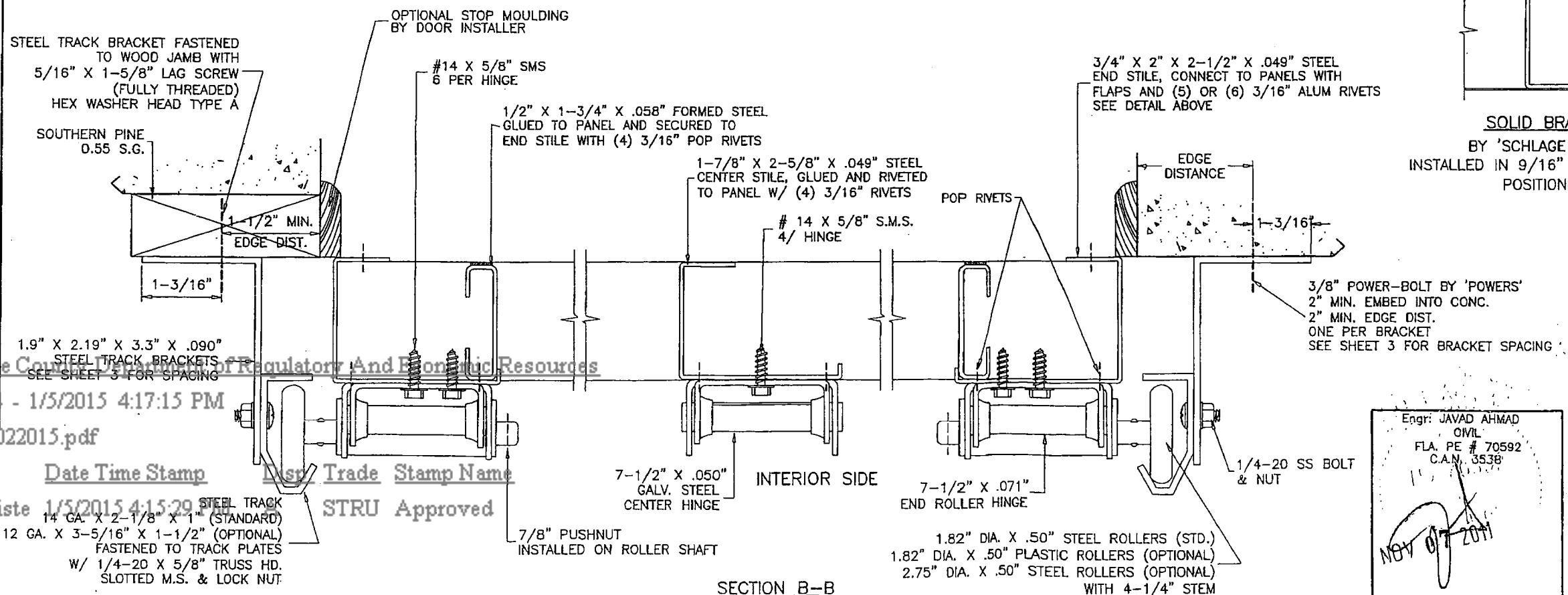
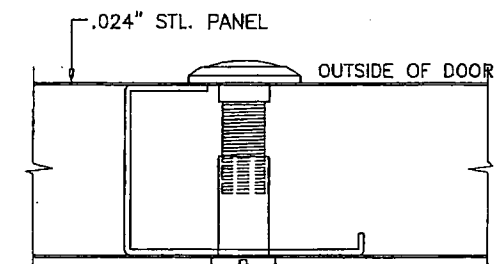
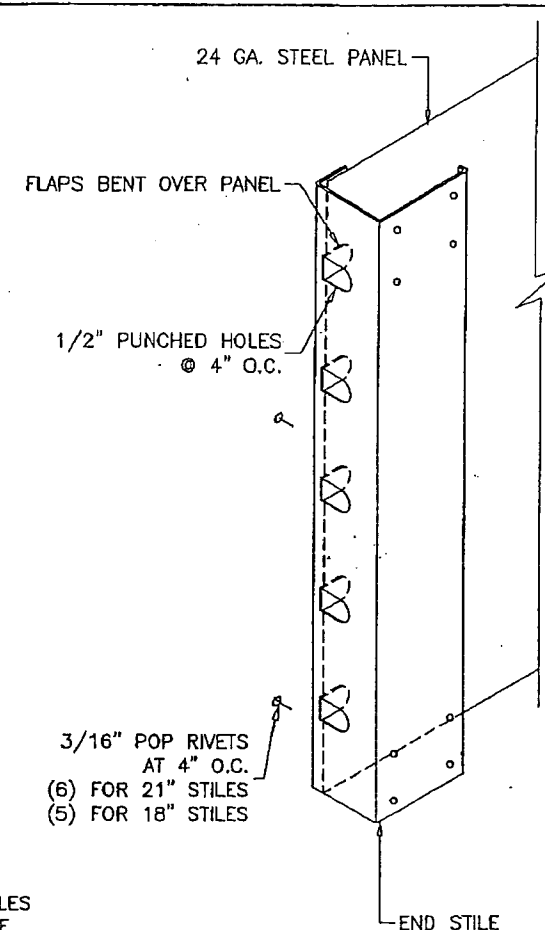
1ST SECTION (BOTTOM)
REINFORCING



INTERMEDIATE SECTIONS
REINFORCING



TOP SECTION



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
GARAGE 98-05DAB

24 GA. ROLL FORMED STEEL SECTIONAL GARAGE DR.
DAB DOORS INC.
12195 N.W. 98 TH. AVE.
HIALEAH GARDENS, FL. 33018
TEL (305) 556 - 6624

revisions:	no	date	by	description
	D	05.20.05	REV. PER BCCO COMMENTS	
	E	12.10.08	UPDATED FOR 2007 FBC	
	F	01.06.10	ENGR. NAME CHANGED	
	G	02.16.11	GENERAL REVISION	
	H	10.13.11	NO CHANGE THIS SHEET	

date: 02-23-98
scale: -
dr. by: HAMID
chk. by:

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0110-08
Expiration Date 07/21/2015
By *[Signature]*
Miami Dade Product Control

drawing no.
98-05
sheet 3 of 6

Miami Dade County Department of Regulatory And Economic Resources

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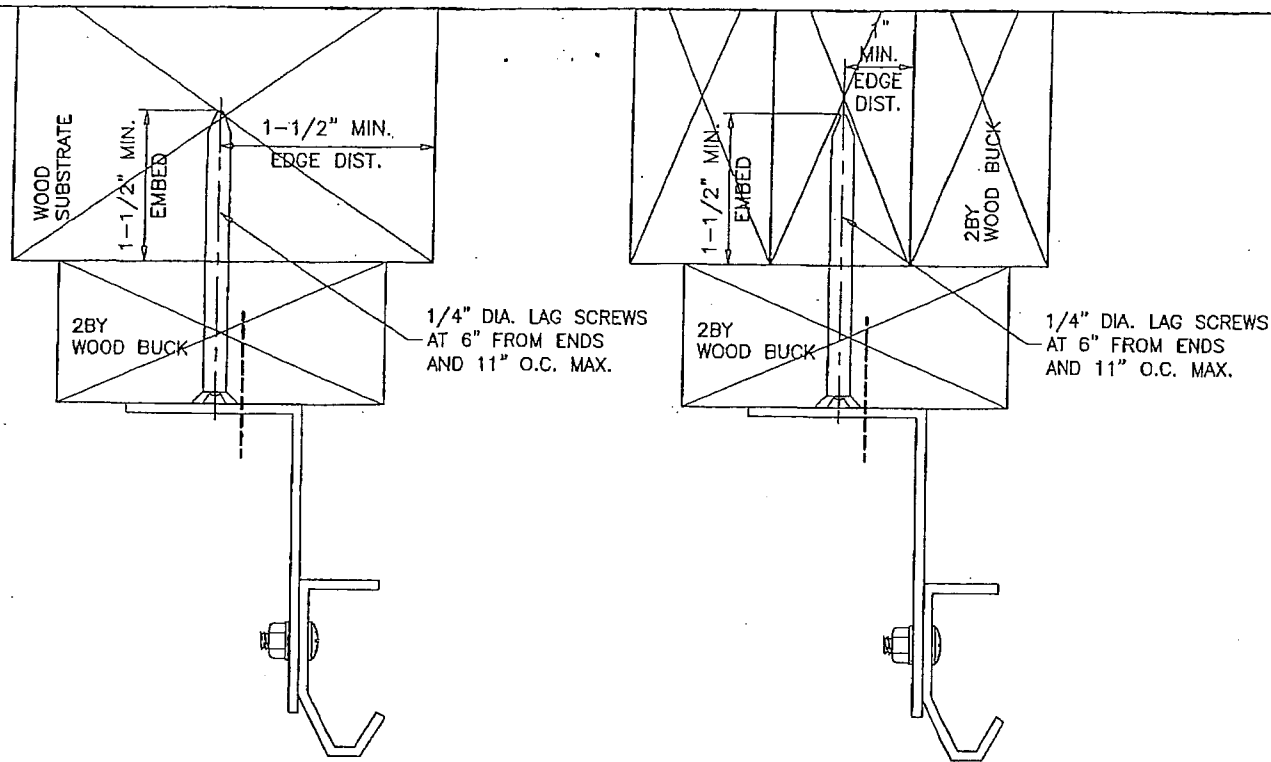
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Examiner

Date Time Stamp

Trade Stamp Name

Carlos Labiste 1/5/2015 4:15:29 PM STRU Approved



WOOD BUCK CONNECTION TO WOOD SUBSTRATE

WOOD FRAME BUILDINGS

STUD WALLS OR DOOR OPENING (NOT BY DAB DOORS) SHALL BE FRAMED SOLID BY NOT LESS THAN (3) 2X6 PRESSURE TREATED GRADE 2 SYP OR BETTER WOOD STUDS.

STUD WALLS TO BE CONT. FROM FOOTING TO TIE BEAM. ENGINEER OF RECORD TO VERIFY ADEQUACY OF THE SUPPORTING STRUCTURE.

WOOD BUCK CONNECTION TO MASONRY

TRACK SHALL BE SECURED WITH CONT. STEEL ANGLE TO PRESSURE TREATED 2X6 SYP WOOD JAMBS WHICH SHALL BE ANCHORED TO GROUTED REINFORCED MASONRY BLOCK WALL OR CONC. COLUMN WITH

1/4" ULTRACON BY 'ELCO' WITH SPACING OF 12" O.C. INTO BLOCK WALL, WITH 2-1/4" MIN. EMBED 9" O.C. INTO 3000 PSI CONCRETE, WITH 1-3/4" MIN. EMBED 2-1/2" MIN. EDGE DISTANCE

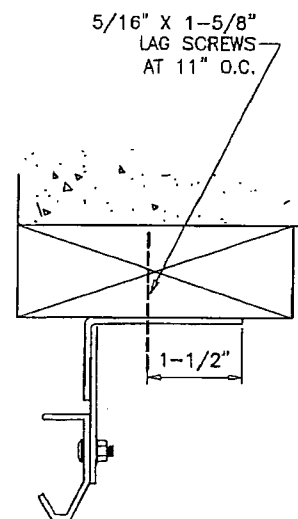
1/4" TAPPER BY 'POWERS' WITH SPACING OF 8" O.C. INTO BLOCK WALL, WITH 1-1/2" MIN. EMBED 9" O.C. INTO 3000 PSI CONCRETE, WITH 1-3/4" MIN. EMBED 3" MIN. EDGE DISTANCE

3/8" CONFLX BY 'ELCO' OR 3/8" LDT BY 'ITW' WITH SPACING OF 21" O.C. INTO 3000 PSI CONCRETE, WITH 2-1/2" MIN. EMBED 3" MIN. EDGE DISTANCE

3/8" HLC SLEEVE BY 'HILTI' WITH SPACING OF 10" O.C. INTO BLOCK WALL, WITH 1-1/4" MIN. EMBED, 4" MIN. EDGE DIST. 11" O.C. INTO 3000 PSI CONCRETE, WITH 1-1/4" MIN. EMBED AND 2-1/2" MIN. EDGE DISTANCE

THE BLOCK WALL CELLS SHALL BE GROUT FILLED AND REINFORCED WITH FOUR #5 BARS EXTENDING INTO FOOTING AND INTO TIE BEAMS ALL BARS SHALL BE CONTINUOUS FROM TIE BEAMS TO FOOTING.

PREPARATION OF JAMBS BY OTHERS



STEEL STRUCTURE BY OTHERS MUST SUPPORT THE LOADS IMPOSED BY DOOR SYSTEM

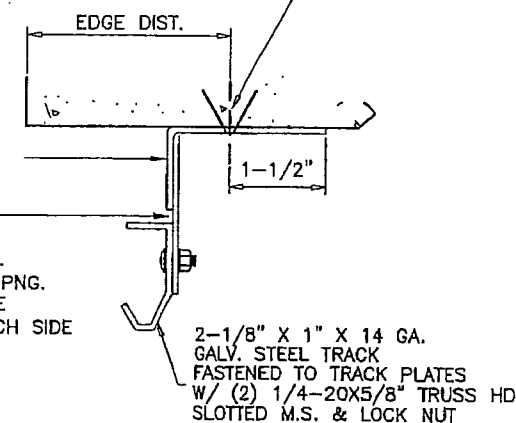
5/16" DIA. BOLTS WITH WASHER & NUT AT 12" O.C. MAX.

1-1/4" X 2-1/2" X 14 GA CONT. STEEL ANGLE
12 GA. GALV. STEEL FLAT BRACKETS ±3" LONG AT 12" O.C. IN DOOR OPNG. AT 18" O.C. ABOVE DOOR OPNG. CONNECTED TO CONT. ANGLE W/ (3) SPOT WELDS AT EACH SIDE

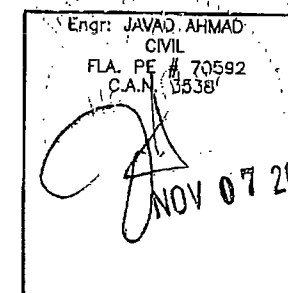
ANCHOR SPACING				
ANCHORS	STRUCTURE	EMBED	SPACING	EDGE DIST.
3/8" HLC SLEEVE BY 'HILTI'	CONC.	1-1/4"	8"	2"
3/8" HLC SLEEVE BY 'HILTI'	FILLED BLOCK	1-1/4"	8"	4"
3/8" DYNABOLT BY 'ITW'	CONC.	1-1/2"	8"	3"
1/2" DYNABOLT BY 'ITW'	FILLED BLOCK	1-7/8"	8"	4"
3/8" POWER-BOLT BY 'POWERS'	CONC.	2"	8"	2"
3/8" SLEEVE-ALL BY 'SIMPSON'S'	CONC.	1-1/2"	8"	3"

CONCRETE f'c = 3000 PSI MIN.

C-90 GROUT FILLED BLOCK f'm = 2000 PSI MIN.



ALTERNATE TRACK INSTALLATION



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0110.08
Expiration Date 07/21/2015
By *[Signature]*
Miami Dade Product Control

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
GARAGE 98-05DAB

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DAB DOORS INC.
12195 N.W. 98 TH. AVE.
HIALEAH GARDENS, FL. 33018
TEL (305) 556 - 6624

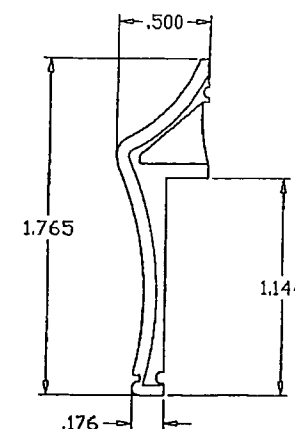
no	date	by	description
D	05.20.05	REV. PER BCDC COMMENTS	
E	12.10.08	UPDATED FOR 2007 FBC	
F	01.06.10	ENGR. NAME CHANGED	
G	02.16.11	GENERAL REVISION	
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date: 02-23-98
scale: -
dr. by: HAMID
chk. by:

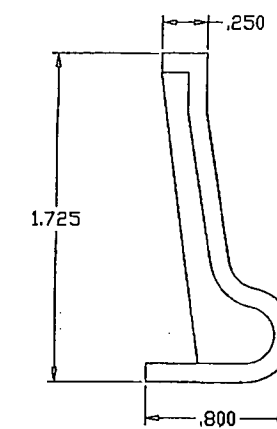
drawing no.
98-05
sheet 5 of 6

* PLASTIC COMPLIES WITH
SECTION 2612 OF FBC 2007
SEE EVIDENCE PAGE

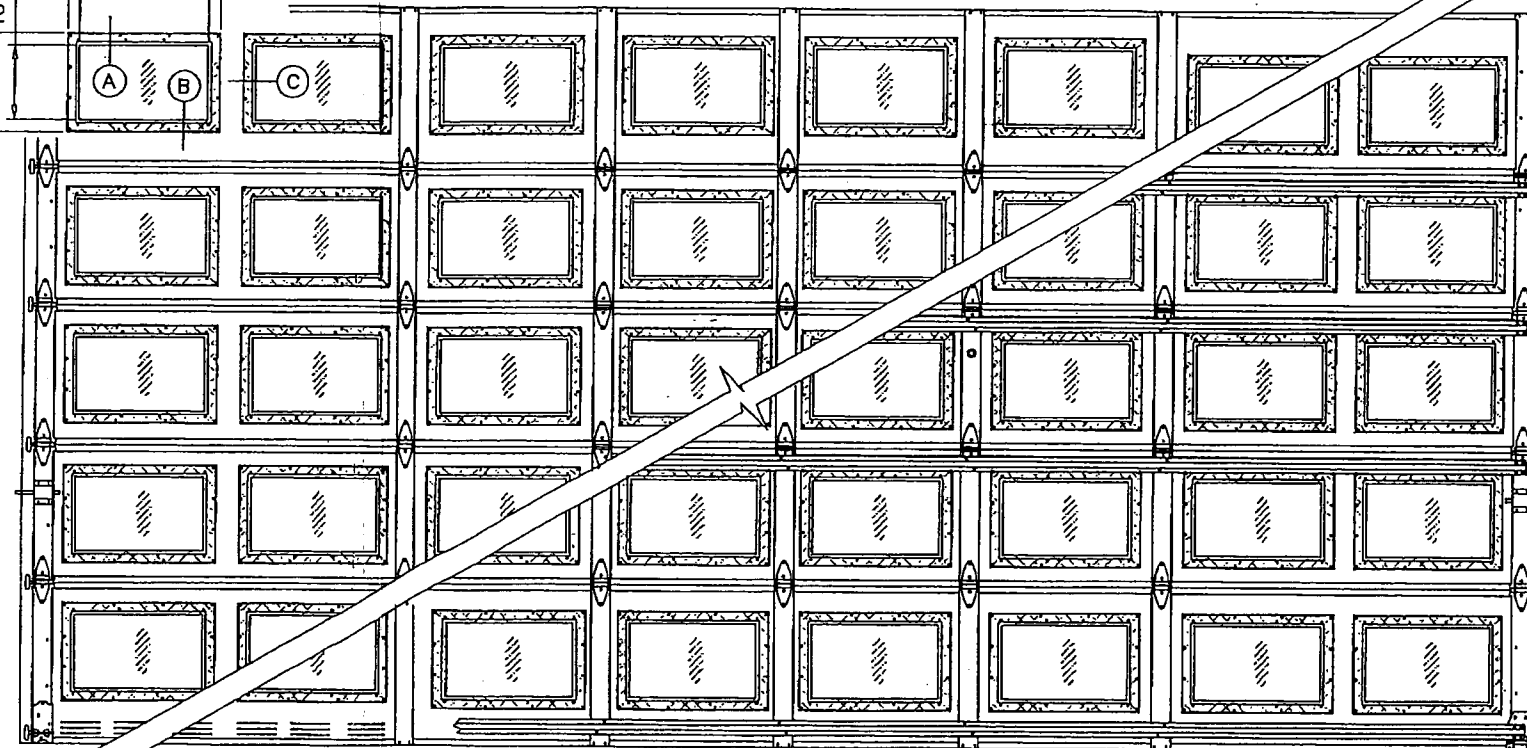
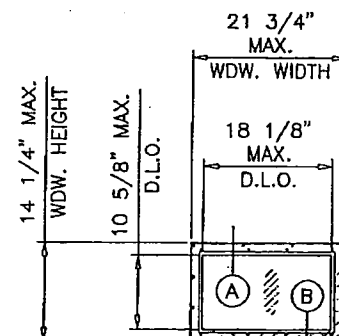
OPTIONAL WINDOW LITES IN ANY LOCATION



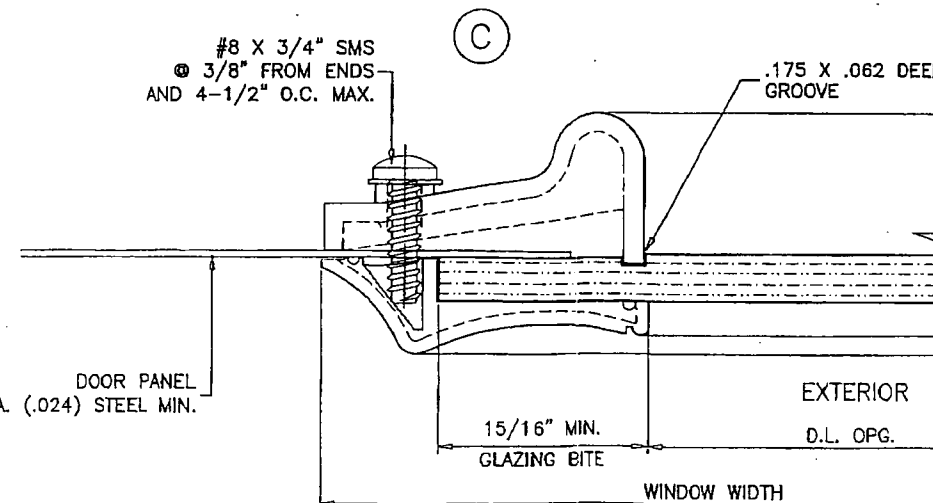
* EXTERIOR FRAME
RIGID PVC ONE PIECE INJECTION



* INTERIOR FRAME
RIGID PVC ONE PIECE INJECTION



INSIDE ELEVATION
RAISED PANEL EMBOSSED DOOR WITH WINDOWS



Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538
NOV 07 2011

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-9119.08
Expiration Date 07/21/2015
By *[Signature]*
Miami Dade Product Control

24 GA. ROLL FORMED STEEL SECTIONAL GARAGE DR.

DAB DOORS INC.
12195 N.W. 98 TH. AVE.
HIALEAH GARDENS, FL. 33018
TEL (305) 556 - 6624

no	date	by	description
D	05.20.05	REV. PER BC00 COMMENTS	
E	12.10.08	UPDATED FOR 2007 FBC	
F	01.06.10	ENGR. NAME CHANGED	
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date: 02-23-98
scale: -
dr. by: HAMID
chk. by:

drawing no.
98-05
sheet 6 of 6

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
GARAGE 98-05DAB

DOOR PANEL
24 GA. (.024) STEEL MIN.

7/16" DIA. WASHER

#8 X 3/4" SMS
@ 3/8" FROM ENDS
AND 7" O.C. MAX.

(4) #8 X 3/4" SMS
@ 1-3/8" FROM ENDS
AND 6-1/2" O.C. MAX.

.175 X .062 DEEP
GROOVE

1/4" POLYCARBONATE LEXAN
BY SABIC INNOVATIVE PLASTICS
NOA #08-0305.02.

.175 X .062 DEEP
GROOVE

(4) #8 X 3/4" SMS
@ 1-3/8" FROM ENDS
AND 6-1/2" O.C. MAX.

#8 X 3/4" SMS
@ 3/8" FROM ENDS
AND 7" O.C. MAX.

7/16" DIA. WASHER

DOOR PANEL
24 GA. (.024) STEEL MIN.

Miami Dade County Department of Regulatory And Economic Resources

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NOA01-01022015.pdf

Examiner

Date Time Stamp

Disp. Trade Stamp Name

Carlos Labiste 1/5/2015 4:15:28 PM

A STRU Approved